

FACULTY PUBLICATIONS – 2021-22

- 1) **Maske R. G.** Shubham Jadhav (2021) “Experimental Study of Partial Replacement of Cement by Metakaolin and Fly ash,” International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume 8, Issue 12 December 2021 (**Springer Publisher, Scopus Indexed**).
- 2) **Maske R. G.** Swati P Ghodake (2021) “Comparative Analysis Of G+8 Structure With And Without Floating Column,” International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, Volume 9, Issue 9 September 2021, Retrieval Number: paper_id/IJCRT2109323. (**Springer Publisher, Scopus Indexed**).
- 3) **V. K. Patki, Madhuri Ingale, Umakant Chanshetti** (2021) “Nanofibers Synthesized from Jawar Stem (Agro- Waste) for Removal of Cr(VI) from Aqueous Solution” International Journal of Environmental Analytical Chemistry, July 2021, Page 1-14. (**Taylor and Francis, SCI, SCIE and Scopus indexed**).
- 4) **Veeresh A Salimath, S. R. Kulkarni** (2021) “Stabilization of Black Cotton Soil by Using Plastic Granules as a Subgrade Material” International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 12 | Dec 2021. (**Scopus Indexed**).

FACULTY PUBLICATIONS – 2020-21

- 1) **V. K. Patki, Jyotiprakash Nayak and L. G. Patil** (2021) “Artificial Neural Network based water quality index (WQI) for river Godavari (India)” Materials Today Proceedings Journal (**Elsevier Publisher, Scopus Indexed**).
- 2) **S. S. Jahagirdar, V. K. Patki, G.J. Kulkarni** (2021) “Recycle of textile mill sludge in different grades of concrete” Materials Today Proceedings Journal (**Elsevier Publisher, Scopus Indexed**).
- 3) **Karale R.S, Jahagirdar S. S, Patki V. K, G.J. Kulkarni** (2021). “Degradation of personal care product 2-Chloropyrine detected in surface water” Materials Today Proceedings Journal (**Elsevier Publisher, Scopus Indexed**).
- 4) **Patki V. K, Jahagirdar S. S., G.J. Kulkarni** (2021). “Prediction of water quality in municipal distribution system” Materials Today Proceedings Journal (**Elsevier Publisher, Scopus Indexed**).
- 5) **Patil Y.M., Patki V. K., Jahagirdar S. S., G.J. Kulkarni** (2021). “Grey water treatment by vegetated vermifilter: A low-cost material for rural sanitation in India”. Materials Today Proceedings Journal (**Elsevier Publisher, Scopus Indexed**).

- 6) **G.J. Kulkarni G.J., Jahagirdar S. S., V. K. Patki (2021)** “Compressed light weight bricks using fly ash & foaming agent” Virtual Conference on disaster risk reduction (VCDRR) (**Springerlink Publisher, Scopus Indexed**)
- 7) **Jahagirdar S. S., V. K. Patki (2021)** “Impact of Temple waste on the Environment and its Mitigation” Virtual Conference on disaster risk reduction (VCDRR) (**Springerlink Publisher, Scopus Indexed**)
- 8) **Patki V.K., Vijay Babu, Palase A. N. (2021)** “Integrated onsite grey water treatment with constructed wetland for household application” Virtual Conference on disaster risk reduction (VCDRR) (**Springer Publisher, Scopus Indexed**)
- 9) **Nirantar S. R. (2021)**. “A Review of factors influencing foundation stability of tall structures” International Conference on Recent Advances in Geotechnical Earthquake Engg. & Soil dynamics (ICRAGEE) (**Springer Publisher, Scopus Indexed**).

FACULTY PUBLICATIONS – 2019-20

- 1) **V. K. Patki, (2020)** “Six Sigma: Literature Review and Methodologies to Improve Implementation” Test Engineering and Management, Vol.83 (1) ,71-79. (**Scopus Indexed ISSN 0193- 4120**).
- 2) **V. K. Patki,(2019)** “ Anti-Glare Headlamp a Safe Option for Better Vision to the Rider” International Journal of Innovative Technology and Exploring Engineering, Volume-8, Issue-9S2, July 2019 (**Scopus Indexed ISSN: 2278-3075**).
- 3) **Jahagirdar S S, Patki V K (2019)**. “Evaluation of Physical and Chemical Properties of OPC and PPC Cement”. *International Journal of Recent Technology and Engineering (IJRTE)*, Vol-8, issue 9S11, 840-845 (**Scopus Indexed ISSN 0193-4120**).
- 4) **Patki V K, Jahagirdar S (2020)**. “Urban Water Distribution Network Failure Prediction using Artificial Intelligence”. *TEST Engineering & Management*, Vol- 82(1), 8355-8362. (**Scopus Indexed ISSN 0193-4120**).
- 5) **Jahagirdar S S , (2019)**. “Assessment of Water Quality Index for Hipparga Lake in Solapur City”. *The International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)*, Vol. 8(6), 7364-7369.
- 6) **V. K. Patki, (2020)** “Development of water quality index for Godavari River (India) based on fuzzy inference system ” *Groundwater and Sustainable Development*, Vol.10 ,100350. (**Elsevier Publisher, Scopus Indexed**)
- 7) **Kankuntla Ashok Y., Rajgiri D. N. , Maske R. G. , Kulkarni S. R. (2020)**. “Prefabricated Construction Technology for Multistoreyed Building” *International Journal of*

Innovative Technology And Exploring Engineering, Vol-9, (3) (**Scopus Indexed Journal ISSN No.2278-3075**).

8) Kankuntla Ashok Y.(2019) “Comparative Study Of Multistoried Commercial Building With Flat Slab”, Journal of Emerging Technologies and Innovative Research, Vol.6, Issue 6, page no.373-380 (**Thomson Reuters & UGC Indexed Journal ISSN: 2349-5162**).

9) Thavare Ramkrishna M. (2019). “Improvement of Lake Water Quality Index using Nitrolite Mineral” J. of Emerging Tech. And Inn. Res, ISSN No.2349-5162 (**Thomson Reuters & UGC Indexed Journal ISSN: 2349-5162**).

10) Maske Ravi G. (2019). “Comparative Study of Different Composting Methods” J. of Emerging Tech. And Inn. Res, ISSN No.2349-5162 (**Thomson Reuters & UGC Indexed Journal ISSN: 2349-5162**).

11) Salimath Veeresh S., Farooq Ahmed Maniyar (2019). “Improvement of Subgrade Soil characteristics by utilizing Lime and rice husk ash” Int. J. of Engg. Re. And Tech., ISSN No.2278-0181.

FACULTY PUBLICATIONS – 2018-19

1) Kankuntla Ashok Y. (2018), “Comparative Study Of Multistoried Commercial Building With Flat Slab”, Journal of Emerging Technologies and Innovative Research, June 2019ISSN: 2349-5162.

2) Kankuntla A.Y. (2018), “Optimum Design of Industrial Ware House using STAAD PRO”, International Journal of Advance Research and Innovative Ideas in Education, August 2018, ISSN(O)-2395-4396.

FACULTY PUBLICATIONS – 2017-18

1) Kulkarni S.R., Maske R.G. and Thavare R.M. (2017). “Design and Development of Mobile Silk-ED” Int. J. of Civil Engg. & Tech., 8 (5), 1096-1107.

2) Kankuntla A.Y., Nirantar S.R. and Rajgiri D.N.(2017). “Optimum Design of Industrial Ware House” Int. J. of Sci. and Research, 6(6), 2562-2566